Marketing Positioning Statement

Inspired by LSI’s Scottsdale®, the LED Legacy Series’ fixtures are the new standard in petroleum canopy lighting. Offering outstanding performance, quick installation, long lasting consistent lighting, and tremendous energy and maintenance savings; the Legacy is the best lighting value in the marketplace for both retrofitting and new construction. These fixtures provide the same lighting brilliance and aesthetics you enjoyed with the Scottsdale along with the most progressive LED lighting technology available.

Leading Specification Features

- SmartTec™ Control Technology – “Industry First”
- Low Total Cost of Ownership – Quick Return on Investment
- Class 1, Div 2 - Hazardous Location
- Unparalleled Speed & Ease of Installation
- Outstanding Uniformity & Visual Comfort
- Selection of Light Output Options
- Exceptional Design in an LED Canopy Fixture
- Widest Range of Retrofit Installation Options in the Industry
## Control Technology – Industry First

**Thermal Management**

- LSI proprietary SmartTec heat dissipation system
- Finless heat sink design to more effectively dissipate heat and eliminate areas for dirt and grime to gather

## Low Total Cost of Ownership – Quick Payback

**Annual Energy & Maintenance Savings**

- $2,423 savings for (16) CRUS LW LED fixtures replacing (16) 320W MH
- $2,241 savings for (16) CRUS SS LED fixtures replacing (16) 320W MH
- $2,556 savings for (16) CRU HO LED fixtures replacing (16) 320W MH
- $2,255 savings for (16) CRU VHO LED fixtures replacing (16) 400W MH

**Payback Analysis**

- ROI of 1.5 years for LW LED
- ROI of 1.7 years for SS LED
- ROI of 2.0 years for HO LED
- ROI of 2.3 years for VHO LED
- Based upon 12 hour daily operation at $.10kWh

## Class 1, Div 2 - Hazardous Location

**T5 Temperature Classification**

- Gas Groups A, B, C and D (see data sheet for details)

## Unparalleled Speed & Ease of Installation

**Simplified Installation**

- 1-person installation minimizes installation costs
- Installs in less than half the time compared to other fixture designs
- Quick-connect wiring process ensures simple and correct wiring connections

**Mounting**

- Designed to retrofit through existing Scottsdale (4”) hole as well as openings for Encore® and Encore Top Access (see additional installation options in final section of this brochure)
- No need for additional cutting, drilling or caulking of canopy deck
- Primarily stainless steel mounting hardware for robustness and corrosion resistance
- Height and width of driver box consistent with height and width of the Scottsdale ballast box, meaning no need to relocate or modify existing conduits
- Also available for surface (SM) and double-deck (DDM) mounting
Outstanding Uniformity & Visual Comfort

Optics
Sealed tempered glass lens, with mid-power, high-brightness, high-efficiency LED chips
Optical unit is safe from contaminants, ensuring long-term light output is not compromised
Permanently sealed with robotically applied polyurethane
5 times more impact resistant than standard glass
Flat lens eliminates areas for dirt and grime to gather
Optical unit is water resistant, sealed to an IP67 rating
Optional dropped glass lens available - consult factory

Lumen Output
Range of lumen outputs available by varying the # of LEDs utilized, drive currents as well as glass lens
Provides a choice of overall lumen outputs for the customer’s specific requirements

| LIGHT OUTPUT - CRU & CRUS (Flat Glass) |
|-----------------------------|-------|---|---|
| Cool White | Lumens | Watts | LW |
| CRUS (LW - Low Watt) | 10,871 | 88 | 124 |
| SS (Super Saver) | 13,554 | 114 | 119 |
| CRU (HO - High Output) | 19,630 | 150 | 131 |
| VHO - Very High Output | 23,523 | 196 | 120 |

Consult data sheets for dropped lens data.

Selection of Light Output Options

Distribution Systems
Standard Canopy (SC) distribution
Scottsdale drop lens (SCDL) distribution provides sparkle from a distance
Provides superior distribution pattern for typical layouts
Application department staff available to assist in determining the best layout for distribution pattern provided

Four Energy Choices
LW array for lowest desired energy usage (88 watts)
SS array for low desired energy usage (114 watts)
HO array for greater lighting output (150 watts) - with Bi-level Switching (2L)
VHO array for maximum lighting output (196 watts)

Color Rendering Index
CRI of 70 facilitates recognition of specific colors
Meets industry standards

Color Temperature
Cool White – 5300k
Provides a cooler, crisper color temperature

Temperature Range
-40° to +50°C (-40°F to 122°F)
Suitable for use in a full range of ambient temperatures
Life expectation remains constant through the rated range
### Drive Currents
Low Wattage (LW), Super Saver (SS), High Output (HO) or Very High Output (VHO)

### Input Voltage
120V thru 277V are standard, 347V also available - consult factory

### Photometrics
Tested using guidelines established in IES LM-79 for absolute photometry
BUG upright value of 0, no upright

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### Exceptional Design in an LED Canopy Fixture

#### Attractive Low-Profile Design
- Sleek, unobtrusive contemporary design to complement surroundings
- Makes a first impression as well as a lasting impression on the customer
- Sleeker look than traditional canopy fixtures
- Overall RoHS/WEEE compliant construction

#### American Made
All products designed and manufactured in the U. S.
Luminaire is comprised of 80% or greater recyclable materials

#### Housing
Vandal resistant die-cast aluminum construction easily withstands extreme temperature changes

#### Driver Housing
Die-cast or fabricated, driver/electrical enclosure is elevated above canopy deck to help prevent water entry and to provide easy “knock-out” connection of primary wiring
LSI driver components are fully encased in potting for IP65 moisture resistance

#### Maintenance-Free
The CRU and CRUS are virtually maintenance-free

#### Gasketing
Optical unit permanently sealed with robotically applied polyurethane
Ensures overall uniform compression of polyurethane to seal housing and lens frame subassemblies
5” diameter one-piece molded silicone gasket provides additional barrier to water intrusion between optical assembly and driver housing

#### Finish/Colors
LSI’s DuraGrip® polyester powder coat process resists corrosion and is scratch and ding resistant
Withstands extreme weather changes without cracking or peeling
Excellent durability and resistance to ultraviolet rays
<table>
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<tr>
<th>Feature</th>
<th>Description</th>
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<tr>
<td><strong>Long-Life</strong></td>
<td>LEDs evaluated In-Situ to LM-80 for 60,000 to 100,000 hours of expected life&lt;br&gt;Up to 5X the life of HID&lt;br&gt;Once installed, CRU and CRUS are virtually maintenance free</td>
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<td><strong>Protection</strong></td>
<td>Optical unit assembly rated for wet location (per UL1598)&lt;br&gt;IP65 on LSI Drivers (Protected against limited ingress, protected against sprays from all directions)&lt;br&gt;Optical unit 3rd party certifications for IP67</td>
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<td><strong>Surge Protector</strong></td>
<td>Meets IEEE C62.41.2-2002, Scenario 1, Location Category C&lt;br&gt;Prevents damage to fixture due to unexpected “surge” or “swell” in AC Line Voltage&lt;br&gt;Thermally protected transient over voltage circuit</td>
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<tr>
<td><strong>Pressure Stabilizing Vent/Breather</strong></td>
<td>Pressure stabilizing vent breather to prevent seal fatigue</td>
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<td><strong>Warranty</strong></td>
<td>Limited 5-year warranty</td>
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<th>Option</th>
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<td><strong>Widest Range of Retrofit Installation Options in the Industry</strong></td>
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<td><strong>LED Ambient Canopy Light (CRU/CRUS)</strong></td>
<td>Installs in a 12” or 16” deck pan.&lt;br&gt;Designed to retrofit through existing Scottsdale (4”) hole as well as openings for Encore and Encore Top Access</td>
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<td><strong>LED Ambient Universal Superkit 2X2</strong> (CRUK UNV/CRUSK UNV)</td>
<td>Replaces most existing 2X2 canopy fixtures without having to know the dimensions of the existing fixture&lt;br&gt;Pre-assembled unit and door mounts to existing fixture housing seamlessly and effortlessly</td>
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<tr>
<td><strong>LED Ambient Recessed Superkit</strong> (CRUK RECU) (CRUSK RECU)</td>
<td>Replaces most existing recessed canopy fixtures without having to know the dimensions of the existing fixture&lt;br&gt;Tether holds pre-assembled optical unit and mounting panel during wiring for one-man installation</td>
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### Multiple Applications... Multiple Solutions

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<td>Legacy - CRU SC</td>
<td>CRUS SC</td>
<td>CRUS SC DL</td>
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<td>Consult Factory for Hazardous Location</td>
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<td>CRUK RECU SC</td>
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